

Title (en)
Coupling mechanism

Title (de)
Koppelungsmechanismus

Title (fr)
Mécanisme de couplage

Publication
EP 1854343 A1 20071114 (EN)

Application
EP 07107596 A 20070507

Priority
GB 0609039 A 20060509

Abstract (en)
An agricultural harvesting machine comprises a coupling for connecting a shaft (50) to a driving element (14) mounted for rotation about the shaft (50). The coupling provides a torque path between the shaft (50) and the driving element (14) which passes through both a lost motion connection (52,54,58) and a shear bolt.

IPC 8 full level
A01D 34/30 (2006.01); **A01F 15/08** (2006.01)

CPC (source: EP GB US)
A01D 75/182 (2013.01 - EP US); **A01D 89/001** (2013.01 - GB); **A01D 90/14** (2013.01 - EP US); **A01F 15/0841** (2013.01 - EP US);
A01F 15/10 (2013.01 - EP GB US); **F16B 2200/63** (2023.08 - EP US)

Citation (applicant)
GB 978027 A 19641216 - WALTERSCHEID GMBH JEAN, et al

Citation (search report)
• [X] GB 978027 A 19641216 - WALTERSCHEID GMBH JEAN, et al
• [X] GB 2411939 A 20050914 - WALTERSCHEID GMBH GKN [DE]
• [Y] EP 1228682 A2 20020807 - VERMEER MFG CO [US]
• [Y] US 5807179 A 19980915 - HANSEN GEORGE N P [US], et al

Cited by
US10344839B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1854343 A1 20071114; **EP 1854343 B1 20090722**; DE 602007001629 D1 20090903; GB 0609039 D0 20060614; GB 2437908 A 20071114;
US 2008015033 A1 20080117; US 7942599 B2 20110517

DOCDB simple family (application)
EP 07107596 A 20070507; DE 602007001629 T 20070507; GB 0609039 A 20060509; US 79954307 A 20070502